Author Index Vol. 564

Agasøster, T. and Rasmussen, K. E.
Automated analysis of oxolinic acid and flumequine in salmon whole blood and plasma using dialysis combined with trace enrichment as on-line sample preparation for high-performance liquid chromatography 564(1991)171
Arts, C. J. M., Van Baak, M. J. and Den Hartog, J. M. P.
Control system for detection of the illegal use of naturally occurring steroids in calves 564(1991)429
Bagnati, R., Paleologo Oriundi, M., Russo, V., Danese, M., Berti, F. and Fanelli, R.
Determination of zeranol and β-zearalanol in calf urine by immunoaffinity extraction and gas chromatography–mass spectrometry after repeated administration of zeranol 564(1991)493
Baguley, B. C., see Kestell, P. 564(1991)315
Banno, K., Horimoto, S. and Matsuoka, M.
Analytical studies on the chiral separation and simultaneous determination of pantothenic acid and hopantenic acid enantiomers in rat plasma by gas chromatography–mass fragmentography 564(1991)1
Banno, K., see Ishii, K. 564(1991)338
Bannwarth, B., see Leroy, P. 564(1991)258
Barbier, F., see De Vos, M. 564(1991)296
Beke, R., see De Vos, M. 564(1991)296
Bell, H., see Tallaksen, C. M. E. 564(1991)127
Bergqvist, Y., see Mount, D. L. 564(1991)181
Berti, F., see Bagnati, R. 564(1991)493
Bøhmer, T., see Tallaksen, C. M. E. 564(1991)127
Breckenridge, W. C., see Kuksis, A. 564(1991)11
Brisson, A. M., see Girault, J. 564(1991)43
Cannell, G. R., Williams, J. P., Yap, A. S. and Mortimer, R. H.
Selective liquid chromatographic assay for propylthiouracil in plasma 564(1991)310
Carlucci, G. and Palumbo, G.
Analytical procedure for the determination of rufloxacin, a new pyridobenzothiazine, in human serum and urine by high-performance liquid chromatography 564(1991)346
Chen, M.-L., see Huang, H.-S. 564(1991)195
Cheung, S. W., Tang, S. W. and Remington, G.
Simultaneous quantitation of loxapine, amoxapine and their 7- and 8-hydroxy metabolites in plasma by high-performance liquid chromatography 564(1991)213
Churchill, F. C., see Mount, D. L. 564(1991)181
Cohen, S., see Iohan, F. 564(1991)27
Collier, G. R., see Uhe, A. M. 564(1991)81
Courtheyn, D., Desaever, C. and Verhe, R.
High-performance liquid chromatographic determination of clenbuterol and cimaterol using post-column derivatization 564(1991)537
Courtheyn, D., see Vermoesen, A. 564(1991)385
Cox, S. K., Wilke, A. V. and Frazier, D.
Determination of adriamycin in plasma and tissue biopsies 564(1991)322
Cramer, H., see Rissler, K. 564(1991)67
Cravedi, J. P. and Delous, G.
Use of an immobilized enzyme reactor for the analysis of residues of 17α-methyltestosterone in trout by high-performance liquid chromatography 564(1991)461
Czech, J., see Leyssens, L. 564(1991)515
Daenens, P., see Debrabandere, L. 564(1991)557
Daeseleire, E., De Guesquière, A. and Van Peteghem, C.
Combined high-performance liquid chromatography and radioimmunoassay for the screening of 19-nortestosterone and methyltestosterone residues in meat samples 564(1991)445
Daeseleire, E., De Guesquière, A. and Van Peteghem, C.
Detection of the illegal use of ethinylestradiol in cattle urine by gas chromatography–mass spectrometry 564(1991)469
Danese, M., see Bagnati, R. 564(1991)493
Dasnois, C., see Vandenbroeck, M. 564(1991)405
De Brabander, H. F., see Vermoesen, A. 564(1991)385
Debrabandere, L., Van Boven, M. and Daenens, P.
High-performance liquid chromatography with electrochemical detection of buprenorphine and its major metabolite in urine 564(1991)557
De Bruijn, A. A. G. M., see Dirven, H. A. A. M. 564(1991)266
De Bruijn, E. A., see Pattyn, G. 564(1991)352
Debruyckere, G. and Van Peteghem, C.
Detection of 19-nortestosterone and its urinary metabolites in miniature pigs by gas chromatography–mass spectrometry 564(1991)393

De Graeve, J., see Vandenbroeck, M. 564(1991)405
De Guesquière, A., see Daeseleire, E. 564(1991)445
De Guesquière, A., see Daeseleire, E. 564(1991)469
Delahaut, P., see Vandenbroeck, M. 564(1991)405
Delous, G., see Cravedi, J. P. 564(1991)461
Den Hartog, J. M. P., see Arts, C. J. M. 564(1991)429
Desaever, C., see Courtheyn, D. 564(1991)537
De Vos, M., Verdievel, H., Schoonjans, R., Beke, R., De Weerdt, G. A. and Barbier, F. High-performance liquid chromatographic assay for the determination of 5-aminosalicylic acid and acetyl-5-aminosalicylic acid concentrations in endoscopic intestinal biopsy in humans 564(1991)296
De Vries, M. and Odink, J. Simultaneous measurement of serotonin and 5-hydroxyindoleacetic acid in rat brain using a liquid chromatographic method with electrochemical detection 564(1991)250
De Weerdt, G. A., see De Vos, M. 564(1991)296
Diekmann, N., see Lohmann, A. 564(1991)283
Diekmann, N., see Lohmann, A. 564(1991)289
Dirven, H. A. A. M., De Bruijn, A. A. G. M., Sessink, P. J. M. and Jongeneelen, F. J. Determination of the cytochrome P-450 IV marker, ω-hydroxylauric acid, by high-performance liquid chromatography and fluorimetric detection 564(1991)266
Driessen, C., see Leyssens, L. 564(1991)515
Dumasia, M. C. and Houghton, E. Screening and confirmatory analysis of β-agonists, β-antagonists and their metabolites in horse urine by capillary gas chromatography–mass spectrometry 564(1991)503
Dürsch, I., see Meyer, H. H. D. 564(1991)551
Estiva, E. C., see Peterson, J. C. 564(1991)205
Fanelli, R., see Bagnati, R. 564(1991)493
Feather, T., see Kuksis, A. 564(1991)11
Finlay, D. C., see Mills, M. H. 564(1991)93
Fourtillan, J. B., see Girault, J. 564(1991)43
Frazier, D., see Cox, S. K. 564(1991)322
Ganhao, M. F., Hattingh, J., Hurwitz, M. L. and Pitts, N. I. Evaluation of a simple plasma catecholamine extraction procedure prior to high-performance liquid chromatography and electrochemical detection 564(1991)55
Gaspar, P., see Vandenbroeck, M. 564(1991)405
Gavriloff, C., see Leroy, P. 564(1991)258
Geher, K., see Kuksis, A. 564(1991)11
Girault, J., Istin, B., Malgouyat, J. M., Brisson, A. M. and Fourtillan, J. B. Simultaneous determination of beclomethasone, beclomethasone monopropionate and beclomethasone dipropionate in biological fluids using a particle beam interface for combining liquid chromatography with negative-ion chemical ionization mass spectrometry 564(1991)43
Greenberg, J., see Phillips, M. 564(1991)242
Groppi, A., see Polettini, A. 564(1991)529
Guentert, T. W., see Stebler, T. 564(1991)330
Haasnoot, W., see Ploum, M. E. 564(1991)413
Haddad, P. R., see Mills, M. H. 564(1991)93
Hamers, A. R. M., see Ploum, M. E. 564(1991)413
Harris, R. M., see Peterson, J. C. 564(1991)205
Hattingh, J., see Ganhao, M. F. 564(1991)55
Hattori, H., Yamamoto, S., Yamada, T. and Suzuki, O. Determination of local anaesthetics in body fluids by gas chromatography with surface ionization detection 564(1991)278
Hekstra, D., see Van der Mast, C. A. 564(1991)115
Hercelin, B., see Leroy, P. 564(1991)258
Horimoto, S., see Banno, K. 564(1991)1
Houghton, E., see Dumasia, M. C. 564(1991)503
Huang, H.-S., Wu, J.-R. and Chen, M.-L. Reversed-phase high-performance liquid chromatography of amphoteric β-lactam antibiotics: effects of columns, ion-pairing reagents and mobile phase pH on their retention times 564(1991)195
Huf, F. A., see Ploum, M. E. 564(1991)413
Hurwitz, M. L., see Ganhao, M. F. 564(1991)55
Iohan, F., Vincze, I., Monder, C. and Cohen, S. High-performance liquid chromatographic determination of cortolic and cortolonic acids as pyrenyl ester derivatives 564(1991)27
Ishii, K., Banno, K., Miyamoto, T. and Kakimoto, T. Determination of diltiazem hydrochloride enantiomers in dog plasma using chiral stationary-phase liquid chromatography 564(1991)338
Istin, B., see Girault, J. 564(1991)43

Jacobs, A., see Leyssens, L. 564(1991)515
Jansen, E. H. J. M., see Van Look, L. J. 564(1991)451
Jiménez, R., see Reuvers, T. 564(1991)477
Jones, M. D., see Robinson, P. R. 564(1991)147
Jongeneelen, F. J., see Dirven, H. A. A. M. 564(1991)266
Kage, S., Nagata, T. and Kudo, K.
Determination of polysulphides in blood by gas chromatography and gas chromatography–mass spectrometry 564(1991)163
Kakimoto, T., see Ishii, K. 564(1991)338
Karlsen, J., see Tallaksen, C. M. E. 564(1991)127
Kawahara, S., see Nakano, M. 564(1991)235
Kestell, P., McKeage, M. J. and Baguley, B. C.
Determination of xanthenone-4-acetic acid in mouse plasma by high-performance liquid chromatography 564(1991)315
Kraft, R., see Lohmann, A. 564(1991)283
Kubo, M., Sasabe, H. and Shimizu, T.
Highly sensitive method for the determination of 5-fluorouracil in biological samples in the presence of 2′-deoxy-5-fluorouridine by gas chromatography–mass spectrometry 564(1991)137
Kudo, K., see Kage, S. 564(1991)163
Kuksis, A., Myher, J. J., Geher, K., Breckenridge, W. C., Feather, T., McGuire, V. and Little, J. A.
Gas chromatographic profiles of plasma total lipids as indicators of dietary history. Correlation with fat intake based on 24-h dietary recall 564(1991)11
LaCreta, F. P., see Tinsley, P. W. 564(1991)303
Leroy, P., Nicolas, A., Gavriloff, C., Matt, M., Netter, P., Bannwarth, B., Hercelin, B. and Mazza, M.
Determination of 2-mercaptopropionylglycine and its metabolite, 2-mercaptopropionic acid, in plasma by ion-pair reversed-phase high-performance liquid chromatography with post-column derivatization 564(1991)258
Leyssens, L., Driessen, C., Jacobs, A., Czech, J. and Raus, J.
Determination of β_2-receptor agonists in bovine urine and liver by gas chromatography–tandem mass spectrometry 564(1991)515
Little, J. A., see Kuksis, A. 564(1991)11
Lohmann, A. and Diekmann, N.
Determination of fendiline in human plasma by means of capillary gas chromatography and nitrogen–phosphorus selective detection 564(1991)289
Lohmann, A., Diekmann, N., Walters, R. and Kraft, R.
Determination of bencyclane in human plasma by means of capillary gas chromatography and nitrogen–phosphorus selective detection 564(1991)283
Lyttle, D. S., see Peterson, J. C. 564(1991)205
Macek, K.
CRC handbook of chromatography: drugs, Vols. III–VI (edited by R.N. Gupta) (Book Review) 564(1991)355
Maddock, J., see Robinson, P. R. 564(1991)147
Maghuin-Rogister, G., see Vandenbroeck, M. 564(1991)405
Malgouyat, J. M., see Girault, J. 564(1991)43
Matsuoka, M., see Banno, K. 564(1991)1
Matt, M., see Leroy, P. 564(1991)258
Mazza, M., see Leroy, P. 564(1991)258
McGuire, V., see Kuksis, A. 564(1991)11
McKeage, M. J., see Kestell, P. 564(1991)315
McLennan, E. A., see Uhe, A. M. 564(1991)81
Melander, A., see Rydberg, T. 564(1991)223
Metzler, M., see Spranger, B. 564(1991)485
Meuwly, P., see Saugy, M. 564(1991)567
Meyer, H. H. D., Rinke, L. and Dürsch, I.
Residue screening for the β-agonists clenbuterol, salbutamol and cimaterol in urine using enzyme immunoassay and high-performance liquid chromatography 564(1991)551
Mills, M. H., Finlay, D. C. and Haddad, P. R.
Determination of melatonin and monoamines in rat pineal using reversed-phase ion-interaction chromatography with fluorescence detection 564(1991)93
Miyamoto, T., see Ishii, K. 564(1991)338
Monder, C., see Iohan, F. 564(1991)27
Montagna, M., see Polettini, A. 564(1991)529
Mortimer, R. H., see Cannell, G. R. 564(1991)310
Mount, D. L., Churchill, F. C. and Bergqvist, Y.
Determination of mefloquine in blood, filter paper-absorbed blood and urine by 9-fluorenylmethyl chloroformate derivatization followed by liquid chromatography with fluorescence detection 564(1991)181
Munafo, A., see Saugy, M. 564(1991)567
Myher, J. J., see Kuksis, A. 564(1991)11
Nagata, T., see Kage, S. 564(1991)163
Nakano, M. and Kawahara, S.
High-performance liquid chromatographic method for simultaneous determination of enantiomers of 5-dimethylsulphamoyl-6,7-dichloro-2,3-dihydrobenzofuran-2-carboxylic acid and its N-monodemethyl metabolite in monkey plasma and urine after chiral derivatization 564(1991)235
Netter, P., see Leroy, P. 564(1991)258

Nicolas, A., see Leroy, P. 564(1991)258
O'Dea, K., see Uhe, A. M. 564(1991)81
Odink, J., see De Vries, M. 564(1991)250
O'Dwyer, P. J., see Tinsley, P. W. 564(1991)303
Paleologo Oriundi, M., see Bagnati, R 564(1991)493
Palumbo, G., see Carlucci, G. 564(1991)346
Pattyn, G., Van Oosterom, A. T., De Bruijn, E. A. and Tjaden, U. R.
Determination of the new anticancer agent KW 2149, 7-N-[2-((2-(γ-L-glutamylamino)-ethyl)dithio)ethyl]mitomycin C, an analogue of mitomycin C 564(1991)352
Paulussen, R. J. A., see Ploum, M. E. 564(1991)413
Pelzer, G., see Vandenbroeck, M. 564(1991)405
Perogordo, E., see Reuvers, T. 564(1991)477
Peterson, J. C., Estiva, E. C., Lyttle, D. S. and Harris, R. M.
High-performance liquid chromatographic determination of 4,4'-methylenedianiline in human urine 564(1991)205
Pévet, P., see Raynaud, F. 564(1991)103
Phillips, M. and Greenberg, J.
Method for the collection and analysis of volatile compounds in the breath 564(1991)242
Pitts, N. I., see Ganhao, M. F. 564(1991)55
Ploum, M. E., Haasnoot, W., Paulussen, R. J. A., Van Bruchem, G. D., Hamers, A. R. M., Schilt, R. and Huf, F. A.
Test strip enzyme immunoassays and the fast screening of nortestosterone and clenbuterol residues in urine samples at the parts per billion level 564(1991)413
Polettini, A., Ricossa, M. C., Groppi, A. and Montagna, M.
Determination of clenbuterol in urine as its cyclic boronate derivative by gas chromatography–mass spectrometry 564(1991)529
Rasmussen, K. E., see Agasøster, T. 564(1991)171
Raus, J., see Leyssens, L. 564(1991)515
Raynaud, F. and Pévet, P.
Determination of 5-methoxyindoles in pineal gland and plasma samples by high-performance liquid chromatography with electrochemical detection 564(1991)103
Rees, L. W., see Robinson, P. R. 564(1991)147
Remington, G., see Cheung, S. W. 564(1991)213
Reuvers, T., Perogordo, E. and Jiménez, R.
Rapid screening method for the determination of diethylstilbestrol in edible animal tissue by column liquid chromatography with electrochemical detection 564(1991)477
Ricossa, M. C., see Polettini, A. 564(1991)529
Rinke, L., see Meyer, H. H. D. 564(1991)551
Rissler, K. and Cramer, H.
Marked improvement of a substance P radioimmunoassay by reduction of ^{125}I-labelled [Tyr^{8}]-substance P prepared by the chloramine-T method with mercaptoethanol and subsequent purification by reversed-phase liquid chromatography 564(1991)67
Rivier, L., see Saugy, M. 564(1991)567
Robinson, P. R., Jones, M. D., Maddock, J. and Rees, L. W.
Simultaneous determination of clebopride and a major metabolite N-desbenzylclebopride in plasma by capillary gas chromatography–negative-ion chemical ionization mass spectrometry 564(1991)147
Russo, V., see Bagnati, R. 564(1991)493
Rydberg, T., Wåhlin-Boll, E. and Melander, A.
Determination of glibenclamide and its two major metabolites in human serum and urine by column liquid chromatography 564(1991)223
Sanders, C., see Vermoesen, A. 564(1991)385
Sasabe, H., see Kubo, M. 564(1991)137
Saugy, M., Meuwly, P., Munafo, A. and Rivier, L.
Rapid high-performance liquid chromatographic determination with fluorescence detection of furosemide in human body fluids and its confirmation by gas chromatography–mass spectrometry 564(1991)567
Schilt, R., see Ploum, M. E. 564(1991)413
Schoonjans, R., see De Vos, M. 564(1991)296
Sessink, P. J. M., see Dirven, H. A. A. M. 564(1991)266
Shimizu, T., see Kubo, M. 564(1991)137
Smuts, C. M. and Tichelaar, H. Y.
Simple thin-layer chromatographic purification procedure for the determination of cholesterol ester fatty acid compositions 564(1991)272
Spranger, B. and Metzler, M.
Disposition of 17β-trenbolone in humans 564(1991)485
Stebler, T. and Guentert, T. W.
Determination of diazepam and nordazepam in milk and plasma in the presence of oxazepam and temazepam 564(1991)330
Suzuki, O., see Hattori, H. 564(1991)278
Tallaksen, C. M. E., Bøhmer, T., Bell, H. and Karlsen, J.
Concomitant determination of thiamin and its phosphate esters in human blood and serum by high-performance liquid chromatography 564(1991)127

Tang, S. W., see Cheung, S. W. 564(1991)213
Tichelaar, H. Y., see Smuts, C. M. 564(1991)272
Tinsley, P. W., O'Dwyer, P. J. and LaCreta, F. P. Chromatographic analysis of methylmercaptopurine riboside in human plasma and urine 564(1991)303
Tjaden, U. R., see Pattyn, G. 564(1991)352
Tucker, D. J., see Uhe, A. M. 564(1991)81
Uhe, A. M., Collier, G. R., McLennan, E. A., Tucker, D. J. and O'Dea, K. Quantitation of tryptophan and other plasma amino acids by automated pre-column *o*-phthaldialdehyde derivatization high-performance liquid chromatography: improved sample preparation 564(1991)81
Van Baak, M. J., see Arts, C. J. M. 564(1991)429
Van Boven, M., see Debrabandere, L. 564(1991)557
Van Bruchem, G. D., see Ploum, M. E. 564(1991)413
Van den Berg, R. H., see Van Look, L. J. 564(1991)451
Vandenbroeck, M., Van Vyncht, G., Gaspar, P., Dasnois, C., Delahaut, P., Pelzer, G., De Graeve, J. and Maghuin-Rogister, G. Identification and characterization of 19-nortestosterone in urine of meat-producing animals 564(1991)405
Van der Mast, C. A., Hekstra, D. and Voorma, H. O. Separation of translationally active mRNAs by reversed-phase ion-pair high-performance liquid chromatography 564(1991)115
Van Ginkel, L. A. Review. Immunoaffinity chromatography, its applicability and limitations in multi-residue analysis of anabolizing and doping agents 564(1991)363
Van Look, L. J., Jansen, E. H. J. M., Van den Berg, R. H., Zomer, G., Vanoosthuyze, K. E. and Van Peteghem, C. Development of a competitive enzyme immunoassay for 17α-19-nortestosterone 564(1991)451
Van Oosterom, A. T., see Pattyn, G. 564(1991)352
Vanoosthuyze, K. E., see Van Look, L. J. 564(1991)451
Van Peteghem, C. Preface 564(1991)361
Van Peteghem, C., see Daeseleire, E. 564(1991)445
Van Peteghem, C., see Daeseleire, E. 564(1991)469
Van Peteghem, C., see Debruyckere, G. 564(1991)393
Van Peteghem, C., see Van Look, L. J. 564(1991)451
Van Vyncht, G., see Vandenbroeck, M. 564(1991)405
Vercammen, J., see Vermoesen, A. 564(1991)385
Verdievel, H., see De Vos, M. 564(1991)296
Verhe, R., see Courtheyn, D. 564(1991)537
Vermoesen, A., Vercammen, J., Sanders, C., Courtheyn, D. and De Brabander, H. F. Comparison of two mass-selective detectors with special reference to the analysis of residues of anabolics 564(1991)385
Vincze, I., see Iohan, F. 564(1991)27
Voorma, H. O., see Van der Mast, C. A. 564(1991)115
Wåhlin-Boll, E., see Rydberg, T. 564(1991)223
Walters, R., see Lohmann, A. 564(1991)283
Wilke, A. V., see Cox, S. K. 564(1991)322
Williams, J. P., see Cannell, G. R. 564(1991)310
Wu, J.-R., see Huang, H.-S. 564(1991)195
Yamada, T., see Hattori, H. 564(1991)278
Yamamoto, S., see Hattori, H. 564(1991)278
Yap, A. S., see Cannell, G. R. 564(1991)310
Zomer, G., see Van Look, L. J. 564(1991)451

Compound Index Vol. 564

Acetyl-5-aminosalicylic acid
High-performance liquid chromatographic assay for the determination of 5-aminosalicylic acid and acetyl-5-aminosalicylic acid concentrations in endoscopic intestinal biopsy in humans 564(1991)296

Adriamycin
Determination of adriamycin in plasma and tissue biopsies 564(1991)322

β-Agonists
Screening and confirmatory analysis of β-agonists, β-antagonists and their metabolites in horse urine by capillary gas chromatography–mass spectrometry 564(1991)503

Residue screening for the β-agonists clenbuterol, salbutamol and cimaterol in urine using enzyme immunoassay and high-performance liquid chromatography 564(1991)551

Amino acids
Quantitation of tryptophan and other plasma amino acids by automated pre-column o-phthaldialdehyde derivatization high-performance liquid chromatography: improved sample preparation 564(1991)81

5-Aminosalicylic acid
High-performance liquid chromatographic assay for the determination of 5-aminosalicylic acid and acetyl-5-aminosalicylic acid concentrations in endoscopic intestinal biopsy in humans 564(1991)296

Amoxapine
Simultaneous quantitation of loxapine, amoxapine and their 7- and 8-hydroxy metabolites in plasma by high-performance liquid chromatography 564(1991)213

Amoxicillin
Reversed-phase high-performance liquid chromatography of amphoteric β-lactam antibiotics: effects of columns, ion-pairing reagents and mobile phase pH on their retention times 564(1991)195

Ampicillin
Reversed-phase high-performance liquid chromatography of amphoteric β-lactam antibiotics: effects of columns, ion-pairing reagents and mobile phase pH on their retention times 564(1991)195

Anabolics
Review. Immunoaffinity chromatography, its applicability and limitations in multi-residue analysis of anabolizing and doping agents 564(1991)363

β-Antagonists
Screening and confirmatory analysis of β-agonists, β-antagonists and their metabolites in horse urine by capillary gas chromatography–mass spectrometry 564(1991)503

Beclomethasone
Simultaneous determination of beclomethasone, beclomethasone monopropionate and beclomethasone dipropionate in biological fluids using a particle beam interface for combining liquid chromatography with negative-ion chemical ionization mass spectrometry 564(1991)43

Bencyclane
Determination of bencyclane in human plasma by means of capillary gas chromatography and nitrogen–phosphorus selective detection 564(1991)283

Bupivacaine
Determination of local anaesthetics in body fluids by gas chromatography with surface ionization detection 564(1991)278

Buprenorphine
High-performance liquid chromatography with electrochemical detection of buprenorphine and its major metabolite in urine 564(1991)557

Catecholamines
Evaluation of a simple plasma catecholamine extraction procedure prior to high-performance liquid chromatography and electrochemical detection 564(1991)55

Cefaclor
Reversed-phase high-performance liquid chromatography of amphoteric β-lactam antibiotics: effects of columns, ion-pairing reagents and mobile phase pH on their retention times 564(1991)195

Cephalexin
Reversed-phase high-performance liquid chromatography of amphoteric β-lactam antibiotics: effects of columns, ion-pairing reagents and mobile phase pH on their retention times 564(1991)195

Cephradine
Reversed-phase high-performance liquid chromatography of amphoteric β-lactam antibiotics: effects of columns, ion-pairing reagents and mobile phase pH on their retention times 564(1991)195

Cholesterol
Simple thin-layer chromatographic purification procedure for the determination of cholesterol ester fatty acid compositions 564(1991)272

Cholesterol esters
Simple thin-layer chromatographic purification procedure for the determination of cholesterol ester fatty acid compositions 564(1991)272

Cimaterol
High-performance liquid chromatographic determination of clenbuterol and cimaterol using post-column derivatization 564(1991)537

Residue screening for the β-agonists clenbuterol, salbutamol and cimaterol in urine using enzyme immunoassay and high-performance liquid chromatography 564(1991)551

Clebopride
Simultaneous determination of clebopride and a major metabolite N-desbenzylclebopride in plasma by capillary gas chromatography–negative-ion chemical ionization mass spectrometry 564(1991)147

Clenbuterol
Test strip enzyme immunoassays and the fast screening of nortestosterone and clenbuterol residues in urine samples at the parts per billion level 564(1991)413

Determination of β_2-receptor agonists in bovine urine and liver by gas chromatography–tandem mass spectrometry 564(1991)515

Determination of clenbuterol in urine as its cyclic boronate derivative by gas chromatography–mass spectrometry 564(1991)529

High-performance liquid chromatographic determination of clenbuterol and cimaterol using post-column derivatization 564(1991)537

Residue screening for the β-agonists clenbuterol, salbutamol and cimaterol in urine using enzyme immunoassay and high-performance liquid chromatography 564(1991)551

Cortoic acids
High-performance liquid chromatographic determination of cortolic and cortolonic acids as pyrenyl ester derivatives 564(1991)27

Cortolic acid
High-performance liquid chromatographic determination of cortolic and cortolonic acids as pyrenyl ester derivatives 564(1991)27

Cortolonic acid
High-performance liquid chromatographic determination of cortolic and cortolonic acids as pyrenyl ester derivatives 564(1991)27

Cytochrome P-450 IV
Determination of the cytochrome P-450 IV marker, ω-hydroxylauric acid, by high-performance liquid chromatography and fluorimetric detection 564(1991)266

2′-Deoxy-5-fluorouridine
Highly sensitive method for the determination of 5-fluorouracil in biological samples in the presence of 2′-deoxy-5-fluorouridine by gas chromatography–mass spectrometry 564(1991)137

N-Desalkylbuprenorphine
High-performance liquid chromatography with electrochemical detection of buprenorphine and its major metabolite in urine 564(1991)557

N-Desbenzylclebopride
Simultaneous determination of clebopride and a major metabolite N-desbenzylclebopride in plasma by capillary gas chromatography–negative-ion chemical ionization mass spectrometry 564(1991)147

Diazepam
Determination of diazepam and nordazepam in milk and plasma in the presence of oxazepam and temazepam 564(1991)330

Diethylstilbestrol
Rapid screening method for the determination of diethylstilbestrol in edible animal tissue by column liquid chromatography with electrochemical detection 564(1991)477

Diltiazem
Determination of diltiazem hydrochloride enantiomers in dog plasma using chiral stationary-phase liquid chromatography 564(1991)338

5-Dimethylsulphamoyl-6,7-dichloro-2,3-dihydrobenzofuran-2-carboxylic acid
High-performance liquid chromatographic method for simultaneous determination of enantiomers of 5-dimethylsulphamoyl-6,7-dichloro-2,3-dihydrobenzofuran-2-carboxylic acid and its N-monodemethyl metabolite in monkey plasma and urine after chiral derivatization 564(1991)235

Dopamine
Evaluation of a simple plasma catecholamine extraction procedure prior to high-performance liquid chromatography and electrochemical detection 564(1991)55

Doping agents
Review. Immunoaffinity chromatography, its applicability and limitations in multi-residue analysis of anabolizing and doping agents 564(1991)363

Epinephrine
Evaluation of a simple plasma catecholamine extraction procedure prior to high-performance liquid chromatography and electrochemical detection 564(1991)55

Ethinylestradiol
Comparison of two mass-selective detectors with special reference to the analysis of residues of anabolics 564(1991)385

Detection of the illegal use of ethinylestradiol in cattle urine by gas chromatography–mass spectrometry 564(1991)469

Fatty acids
Simple thin-layer chromatographic purification procedure for the determination of cholesterol ester fatty acid compositions 564(1991)272

Fendiline
Determination of fendiline in human plasma by means of capillary gas chromatography and nitrogen–phosphorus selective detection 564(1991)289

Fenoterol
Determination of β_2-receptor agonists in bovine urine and liver by gas chromatography–tandem mass spectrometry 564(1991)515

Flumequine
Automated analysis of oxolinic acid and flumequine in salmon whole blood and plasma using dialysis combined with trace enrichment as on-line sample preparation for high-performance liquid chromatography 564(1991)171

5-Fluorouracil
Highly sensitive method for the determination of 5-fluorouracil in biological samples in the presence of 2′-deoxy-5-fluorouridine by gas chromatography–mass spectrometry 564(1991)137

Furosemide
Rapid high-performance liquid chromatographic determination with fluorescence detection of furosemide in human body fluids and its confirmation by gas chromatography–mass spectrometry 564(1991)567

Glibenclamide
Determination of glibenclamide and its two major metabolites in human serum and urine by column liquid chromatography 564(1991)223

7-N-[2-((2-(γ-L-Glutamylamino)ethyl)dithio)-ethyl]mitomycin C
Determination of the new anticancer agent KW 2149, 7-N-[2-((2-(γ-L-glutamylamino)ethyl)dithio)-ethyl]mitomycin C, an analogue of mitomycin C 564(1991)352

Hopantenic acid
Analytical studies on the chiral separation and simultaneous determination of pantothenic acid and hopantenic acid enantiomers in rat plasma by gas chromatography–mass fragmentography 564(1991)1

Hydroxyglibenclamide
Determination of glibenclamide and its two major metabolites in human serum and urine by column liquid chromatography 564(1991)223

5-Hydroxyindoleacetic acid
Simultaneous measurement of serotonin and 5-hydroxyindoleacetic acid in rat brain using a liquid chromatographic method with electrochemical detection 564(1991)250

Hydroxylauric acid
Determination of the cytochrome P-450 IV marker, ω-hydroxylauric acid, by high-performance liquid chromatography and fluorimetric detection 564(1991)266

5-Hydroxytryptamine
Simultaneous measurement of serotonin and 5-hydroxyindoleacetic acid in rat brain using a liquid chromatographic method with electrochemical detection 564(1991)250

Isoprene
Method for the collection and analysis of volatile compounds in the breath 564(1991)242

KW 2149
Determination of the new anticancer agent KW 2149, 7-N-[2-((2-(γ-L-glutamylamino)ethyl)dithio)-ethyl]mitomycin C, an analogue of mitomycin C 564(1991)352

β-Lactams
Reversed-phase high-performance liquid chromatography of amphoteric β-lactam antibiotics: effects of columns, ion-pairing reagents and mobile phase pH on their retention times 564(1991)195

Lauric acid
Determination of the cytochrome P-450 IV marker, ω-hydroxylauric acid, by high-performance liquid chromatography and fluorimetric detection 564(1991)266

Lidocaine
Determination of local anaesthetics in body fluids by gas chromatography with surface ionization detection 564(1991)278

Lipids
Gas chromatographic profiles of plasma total lipids as indicators of dietary history. Correlation with fat intake based on 24-h dietary recall 564(1991)11

Loxapine
Simultaneous quantitation of loxapine, amoxapine and their 7- and 8-hydroxy metabolites in plasma by high-performance liquid chromatography 564(1991)213

Mabuterol
Determination of β_2-receptor agonists in bovine urine and liver by gas chromatography–tandem mass spectrometry 564(1991)515

Mefloquine
Determination of mefloquine in blood, filter paper-absorbed blood and urine by 9-fluorenylmethyl chloroformate derivatization followed by liquid chromatography with fluorescence detection 564(1991)181

Melatonin
Determination of melatonin and monoamines in rat pineal using reversed-phase ion-interaction chromatography with fluorescence detection 564(1991)93

Determination of 5-methoxyindoles in pineal gland and plasma samples by high-performance liquid chromatography with electrochemical detection 564(1991)103

Mepivacaine
Determination of local anaesthetics in body fluids by gas chromatography with surface ionization detection 564(1991)278

2-Mercaptopropionic acid
Determination of 2-mercaptopropionylglycine and its metabolite, 2-mercaptopropionic acid, in plasma by ion-pair reversed-phase high-performance liquid chromatography with post-column derivatization 564(1991)258

2-Mercaptopropionylglycine
Determination of 2-mercaptopropionylglycine and its metabolite, 2-mercaptopropionic acid, in plasma by ion-pair reversed-phase high-performance liquid chromatography with post-column derivatization 564(1991)258

5-Methoxyindoleacetic acid
Determination of 5-methoxyindoles in pineal gland and plasma samples by high-performance liquid chromatography with electrochemical detection 564(1991)103

5-Methoxyindoles
Determination of 5-methoxyindoles in pineal gland and plasma samples by high-performance liquid chromatography with electrochemical detection 564(1991)103

5-Methoxytryptamine
Determination of 5-methoxyindoles in pineal gland and plasma samples by high-performance liquid chromatography with electrochemical detection 564(1991)103

5-Methoxytryptophol
Determination of 5-methoxyindoles in pineal gland and plasma samples by high-performance liquid chromatography with electrochemical detection 564(1991)103

4,4′-Methylenedianiline
High-performance liquid chromatographic determination of 4,4′-methylenedianiline in human urine 564(1991)205

Methylmercaptopurine riboside
Chromatographic analysis of methylmercaptopurine riboside in human plasma and urine 564(1991)303

Methyltestosterone
Comparison of two mass-selective detectors with special reference to the analysis of residues of anabolics 564(1991)385

Combined high-performance liquid chromatography and radioimmunoassay for the screening of 19-nortestosterone and methyltestosterone residues in meat samples 564(1991)445

17α-Methyltestosterone
Use of an immobilized enzyme reactor for the analysis of residues of 17α-methyltestosterone in trout by high-performance liquid chromatography 564(1991)461

Mitomycin C
Determination of the new anticancer agent KW 2149, 7-N-[2-((2-(γ-L-glutamylamino)ethyl)dithio)-ethyl]mitomycin C, an analogue of mitomycin C 564(1991)352

Monoamines
Determination of melatonin and monoamines in rat pineal using reversed-phase ion-interaction chromatography with fluorescence detection 564(1991)93

mRNAs
Separation of translationally active mRNAs by reversed-phase ion-pair high-performance liquid chromatography 564(1991)115

Nordazepam
Determination of diazepam and nordazepam in milk and plasma in the presence of oxazepam and temazepam 564(1991)330

Norepinephrine
Evaluation of a simple plasma catecholamine extraction procedure prior to high-performance liquid chromatography and electrochemical detection 564(1991)55

Nortestosterone
Comparison of two mass-selective detectors with special reference to the analysis of residues of anabolics 564(1991)385

Test strip enzyme immunoassays and the fast screening of nortestosterone and clenbuterol residues in urine samples at the parts per billion level 564(1991)413

19-Nortestosterone
Detection of 19-nortestosterone and its urinary metabolites in miniature pigs by gas chromatography–mass spectrometry 564(1991)393

Identification and characterization of 19-nortestosterone in urine of meat-producing animals 564(1991)405

Combined high-performance liquid chromatography and radioimmunoassay for the screening of 19-nortestosterone and methyltestosterone residues in meat samples 564(1991)445

17α,19-Nortestosterone
Development of a competitive enzyme immunoassay for 17α-19-nortestosterone 564(1991)451

Orciprenaline
Determination of β_2-receptor agonists in bovine urine and liver by gas chromatography–tandem mass spectrometry 564(1991)515

Oxazepam
Determination of diazepam and nordazepam in milk and plasma in the presence of oxazepam and temazepam 564(1991)330

Oxolinic acid
Automated analysis of oxolinic acid and flumequine in salmon whole blood and plasma using dialysis combined with trace enrichment as on-line sample preparation for high-performance liquid chromatography 564(1991)171

Pantothenic acid
Analytical studies on the chiral separation and simultaneous determination of pantothenic acid and hopantenic acid enantiomers in rat plasma by gas chromatography–mass fragmentography 564(1991)1

Plasma total lipids
Gas chromatographic profiles of plasma total lipids as indicators of dietary history. Correlation with fat intake based on 24-h dietary recall 564(1991)11

Polysulphides
Determination of polysulphides in blood by gas chromatography and gas chromatography–mass spectrometry 564(1991)163

Propylthiouracil
Selective liquid chromatographic assay for propylthiouracil in plasma 564(1991)310

Pyridobenzothiazines
Analytical procedure for the determination of rufloxacin, a new pyridobenzothiazine, in human serum and urine by high-performance liquid chromatography 564(1991)346

β_2-Receptor agonists
Determination of β_2-receptor agonists in bovine urine and liver by gas chromatography–tandem mass spectrometry 564(1991)515

Rufloxacin
Analytical procedure for the determination of rufloxacin, a new pyridobenzothiazine, in human serum and urine by high-performance liquid chromatography 564(1991)346

Salbutamol
Determination of β_2-receptor agonists in bovine urine and liver by gas chromatography–tandem mass spectrometry 564(1991)515

Residue screening for the β-agonists clenbuterol, salbutamol and cimaterol in urine using enzyme immunoassay and high-performance liquid chromatography 564(1991)551

Serotonin
Simultaneous measurement of serotonin and 5-hydroxyindoleacetic acid in rat brain using a liquid chromatographic method with electrochemical detection 564(1991)250

Steroids
Review. Immunoaffinity chromatography, its applicability and limitations in multi-residue analysis of anabolizing and doping agents 564(1991)363

Comparison of two mass-selective detectors with special reference to the analysis of residues of anabolics 564(1991)385

Detection of 19-nortestosterone and its urinary metabolites in miniature pigs by gas chromatography–mass spectrometry 564(1991)393

Identification and characterization of 19-nortestosterone in urine of meat-producing animals 564(1991)405

Test strip enzyme immunoassays and the fast screening of nortestosterone and clenbuterol residues in urine samples at the parts per billion level 564(1991)413

Control system for detection of the illegal use of naturally occurring steroids in calves 564(1991)429

Combined high-performance liquid chromatography and radioimmunoassay for the screening of 19-nortestosterone and methyltestosterone residues in meat samples 564(1991)445

Development of a competitive enzyme immunoassay for 17α-19-nortestosterone 564(1991)451

Use of an immobilized enzyme reactor for the analysis of residues of 17α-methyltestosterone in trout by high-performance liquid chromatography 564(1991)461

Detection of the illegal use of ethinylestradiol in cattle urine by gas chromatography–mass spectrometry 564(1991)469

Rapid screening method for the determination of diethylstilbestrol in edible animal tissue by column liquid chromatography with electrochemical detection 564(1991)477

Determination of zeranol and β-zearalanol in calf urine by immunoaffinity extraction and gas chromatography–mass spectrometry after repeated administration of zeranol 564(1991)493

Determination of clenbuterol in urine as its cyclic boronate derivative by gas chromatography–mass spectrometry 564(1991)529

High-performance liquid chromatographic determination of clenbuterol and cimaterol using post-column derivatization 564(1991)537

Residue screening for the β-agonists clenbuterol, salbutamol and cimaterol in urine using enzyme immunoassay and high-performance liquid chromatography 564(1991)551

Substance P
Marked improvement of a substance P radioimmunoassay by reduction of ^{125}I-labelled [Tyr^{8}]-substance P prepared by the chloramine-T method with mercaptoethanol and subsequent purification by reversed-phase liquid chromatography 564(1991)67

Temazepam
Determination of diazepam and nordazepam in milk and plasma in the presence of oxazepam and temazepam 564(1991)330

Terbutaline
Determination of β_2-receptor agonists in bovine urine and liver by gas chromatography–tandem mass spectrometry 564(1991)515

Thiamin
Concomitant determination of thiamin and its phosphate esters in human blood and serum by high-performance liquid chromatography 564(1991)127

Thiamin phosphates
Concomitant determination of thiamin and its phosphate esters in human blood and serum by high-performance liquid chromatography 564(1991)127

17β-Trenbolone
Disposition of 17β-trenbolone in humans 564(1991)485

Tryptophan
Quantitation of tryptophan and other plasma amino acids by automated pre-column o-phthaldialdehyde derivatization high-performance liquid chromatography: improved sample preparation 564(1991)81

Tulobuterol
Determination of β_2-receptor agonists in bovine urine and liver by gas chromatography–tandem mass spectrometry 564(1991)515

[Tyr^{8}]-substance P
Marked improvement of a substance P radioimmunoassay by reduction of ^{125}I-labelled [Tyr^{8}]-substance P prepared by the chloramine-T method with mercaptoethanol and subsequent purification by reversed-phase liquid chromatography 564(1991)67

Volatile compounds
Method for the collection and analysis of volatile compounds in the breath 564(1991)242

Xanthenone-4-acetic acid
Determination of xanthenone-4-acetic acid in mouse plasma by high-performance liquid chromatography 564(1991)315

β-Zearalanol
Determination of zeranol and β-zearalanol in calf urine by immunoaffinity extraction and gas chromatography–mass spectrometry after repeated administration of zeranol 564(1991)493

Zeranol
Determination of zeranol and β-zearalanol in calf urine by immunoaffinity extraction and gas chromatography–mass spectrometry after repeated administration of zeranol 564(1991)493